



Information Technology Laboratory

On-Line Knowledge Center

Background The On-Line Knowledge Center (OKC) (currently under development) is a Web-based repository and information management environment for the DoD High Performance Computing Modernization Office's Programming Environment and Training (PET) program. OKC provides programmatic information and technical knowledge in computational science emerging from the national high performance infrastructure to the DoD user community and enables access to software tools and products and information about PET projects in all functional areas. The information is available in various formats, including presentation slides, software repositories, training announcements and schedules, and technical, annual, and on-line reports.

Objective(s) The objectives of OKC are to provide the following information and capabilities:

- Training schedule with registration capabilities and training evaluation submittals.
- Repository for reports, including technical, annual, on-line and publications.
- Information about projects supported under PET.
- Calendar of events such as conferences, proposal due dates, etc.
- Descriptions and contact information about functional areas.
- Archive for training material and reports.
- Library of online training material.
- Class recordings.
- Content management system to allow OKC contributors to modify, add, and delete the content of their Web pages.

Technology The OKC provides a Web portal that serves as a central framework for loading, managing, and displaying content that can be authored, developed, and displayed by PET users.

Benefits The OKC will improve the productivity of users at the High Performance Computing Modernization Program's four Major Shared Resource Centers, distributed centers, and other remote locations where there are users of the program's high performance computing resources.

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